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1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 [Proceedings of the 1997 conference of the Centre for Advanced Collaborative research](#)

Publisher: IBM Press

Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

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C. Mohan, Don Haderle, Bruce Lindsay, Hamid Pirahesh, Peter Schwarz

March 1992 [ACM Transactions on Database Systems \(TODS\)](#), Volume 17, Number 1

Publisher: ACM Press

Full text available: [pdf\(5.23 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

DB2TM, IMS, and TandemTM systems. ARIES is applicable not only to management systems but also to persistent object-oriented languages, real systems and transaction-based operating systems. ARIES has been implemented in varying degrees, in IBM's OS/2TM Extended Edition Database Manager, Workstation Data Save Facility/VM, Starburst and QuickSilver, and in the Wisconsin's EXODUS and Gamma d ...

Keywords: buffer management, latching, locking, space management, write logging

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◆ Brian Grant, Markus Mock, Matthai Philipose, Craig Chambers, Susan J. E. September 2000 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 22 Issue 5

Publisher: ACM Press

Full text available: [pdf\(1.59 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

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Keywords: dynamic compilation, specialization

4 Comparison of access methods for time-evolving data

◆ Betty Salzberg, Vassilis J. Tsotras June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Publisher: ACM Press

Full text available: [pdf \(529.53 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

This paper compares different indexing techniques proposed for supporting access to temporal data. The comparison is based on a collection of important performance criteria, including the space consumed, update processing, and representative queries. The comparison is based on worst-case analysis, and no assumptions on data distribution or query frequencies are made. When a number of methods have the same asymptotic worst-case behavior, features in the methods are compared.

Keywords: I/O performance, access methods, structures, temporal databases

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✉ Jason Cong, Yuzheng Ding

April 1996 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 1 Issue 2

Publisher: ACM Press

Full text available: [pdf](#) (628.91 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

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Keywords: FPGA, area minimization, computer-aided design of VLSI, design automation, delay minimization, delay modeling, logic optimization, power minimization, programmable logic, routing, simplification, synthesis, system design, technology mapping

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Full text available: [pdf](#)(6.37 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

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◆ Lisa Gottesfeld Brown

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available: [!\[\]\(ec9132f1d27c8919987d92907322654d_img.jpg\) pdf\(5.20 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

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Keywords: image registration, image warping, rectification, template matching

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◆ Karen Kukich

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available: [!\[\]\(a8f9309f944226d1420f5fed22e2b6e6_img.jpg\) pdf\(6.23 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

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Keywords: n-gram analysis, Optical Character Recognition (OCR), context, spelling correction, grammar checking, natural-language-processing models, classifiers, spell checking, spelling error detection, spelling error patterns, language models, word recognition and correction

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11 A practical framework for demand-driven interprocedural data flow analysis

◆ Evelyn Duesterwald, Rajiv Gupta, Mary Lou Soffa

November 1997 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 19 Issue 6

Publisher: ACM Press

Full text available: [pdf](#)

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The high cost and growing importance of interprocedural data flow analysis have led to increased interest in demand-driven algorithms. In this article, we present a framework for developing demand-driven interprocedural data flow analysis. We also report our experience in evaluating the performance of this approach. A demand query is modeled as a set of queries. The framework includes a general algorithm that determines the response to query by iteration ...

Keywords: copy constant propagation, data flow analysis, def-use chain analysis, distributive data flow frameworks, interprocedural data flow optimizations

12 Serverless network file systems

◆ Thomas E. Anderson, Michael D. Dahlin, Jeanna M. Neefe, David A. Patterson, and Michael Roselli, Randolph Y. Wang

February 1996 **ACM Transactions on Computer Systems (TOCS)**, Volume 14, Number 1

Publisher: ACM Press

Full text available: [pdf](#)(2.69 MB)

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[citations](#), [index term](#)

We propose a new paradigm for network file system design: serverless network file systems. While traditional network file systems rely on a central server to handle all requests, a serverless system utilizes workstations cooperating as peers to provide a distributed file system. Any machine in the system can store, cache, or control any block of data. This approach uses this location independence, in combination with fast local access, to provide better performance and scalability than traditional approaches ...

Keywords: RAID, log cleaning, log structured, log-based striping, log-based data storage, scalable performance

13 Serverless network file systems

✉ T. E. Anderson, M. D. Dahlin, J. M. Neefe, D. A. Patterson, D. S. Roselli, December 1995 **ACM SIGOPS Operating Systems Review**, **Proceeding ACM symposium on Operating systems principles SOS** 29 Issue 5

Publisher: ACM Press

Full text available: [pdf\(2.48 MB\)](#) Additional Information: [full citation](#), [refer index terms](#)

14 Texture-based visibility for efficient lighting simulation

✉ Cyril Soler, F. X. Sillion October 2000 **ACM Transactions on Graphics (TOG)**, Volume 19 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.71 MB\)](#) Additional Information: [full citation](#), [abstr](#) [citations](#), [index term](#)

Lighting simulations using hierarchical radiosity with clustering can be very time-consuming. The computation of fine and artifact-free shadows is needed. To avoid the mesh refinement associated with fast variations of visibility across receivers, a new hierarchical algorithm in which partial visibility maps can be computed using a convolution technique for emitter-receiver configurations where they are produced. Other configurations still rely on mesh refinement ...

Keywords: convolution, global illumination, hierarchical radiosity, texture-based visibility

15 Texture mapping 3D models of real-world scenes

✉ Frederick M. Weinhaus, Venkat Devarajan December 1997 **ACM Computing Surveys (CSUR)**, Volume 29 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.98 MB\)](#) Additional Information: [full citation](#), [abstr](#) [citations](#), [index terms](#), [review](#)

Texture mapping has become a popular tool in the computer graphics industry in the last few years because it is an easy way to achieve a high degree of realism in generated imagery with very little effort. Over the last decade, texture-mapping has been used in a variety of applications, including real-time rendering, scientific visualization, and computer games.

have advanced to the point where it is possible to generate real-time pers simulations of real-world areas by texture mapping every object surface photographic images of these real-world areas. The techniqu ...

Keywords: anti-aliasing, height field, homogeneous coordinates, image transformation, image warping, multiresolution data, perspective project tracing, real-time scene generation, rectification, registration, texture ma simulators, voxels

16 Evaluation of an algorithm for finding a match of a distorted texture pattern in an image database

◆ N. Vujovic, D. Brzakovic
January 1998 **ACM Transactions on Information Systems (TOIS)**, Vol 16, No 1
Publisher: ACM Press
Full text available: [!\[\]\(6605b201d6f14d9b3bcb8ab5f274d107_img.jpg\) pdf](#) (499.06 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Evaluation of an algorithm for finding a match for a random texture pattern in an image database is presented. The algorithm was designed assuming that the pattern may be subject to misregistration relative to its representation in the database, assuming that it may have missing parts. The potential applications involve the identification of legal documents, bank notes, or credit cards, where thin fibers are embedded into the document medium during medium fabrication. The algorithm ...

Keywords: image database, image matching, misregistration, presentation of a random pattern

17 Distributed file systems: concepts and examples

◆ Eliezer Levy, Abraham Silberschatz
December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4
Publisher: ACM Press
Full text available: [!\[\]\(e8fb589d58dad1692debababa5e928b6_img.jpg\) pdf\(5.33 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index term](#)

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local area network (LAN). A DFS is implemented as part of the operating system of the connected computers. This paper establishes a viewpoint that emphasizes the dispersed structure and decentralization of both data and control ...

18 Improving the performance of log-structured file systems with adaptive merging

✉ Jeanna Neefe Matthews, Drew Roselli, Adam M. Costello, Randolph Y. Williams, and Michael Anderson

October 1997 **ACM SIGOPS Operating Systems Review**, Proceedings of the ACM symposium on Operating systems principles SOSP '97, Issue 5

Publisher: ACM Press

Full text available: [pdf\(2.18 MB\)](#) Additional Information: [full citation, references, citations, index terms](#)

19 Practicing JUDO: Java under dynamic optimizations

✉ Michał Cierniak, Guei-Yuan Lueh, James M. Stichnoth

May 2000 **ACM SIGPLAN Notices**, Proceedings of the ACM SIGPLAN conference on Programming language design and implementation, Volume 35 Issue 5

Publisher: ACM Press

Full text available: [pdf \(190.06 KB\)](#) Additional Information: [full citation, abstract, references, citations, index terms](#)

A high-performance implementation of a Java Virtual Machine (JVM) called JUDO. It features a just-in-time (JIT) compilation mechanism, exception handling, a thread mechanism, and garbage collection (GC). These components are tightly integrated to achieve high performance. In this paper, we present some static and dynamic analysis implemented in the JIT compilation and exception handling of the Microsoft Research Lab Virtual Machine (MRL VM), ...

20 Sharing and protection in a single-address-space operating system

✉ Jeffrey S. Chase, Henry M. Levy, Michael J. Feeley, Edward D. Lazowska

November 1994 **ACM Transactions on Computer Systems (TOCS)**, Volume 12, Number 4

Publisher: ACM Press

Full text available: [pdf\(2.87 MB\)](#) Additional Information: [full citation, abstract, references, citations, index terms](#)

This article explores memory sharing and protection support in Opal, a space operating system designed for wide-address (64-bit) architectures. execute within protection domains in a single shared virtual address space. simplified, because addresses are context independent. There is no loss because addressability and access are independent; the right to access a s determined by the protection domain in which a thread executes. T ...

Keywords: 64-bit architectures, capability-based systems, microkernel c object-oriented database systems, persistent storage, protection, single-a operating systems, wide-address architectures

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Karen Kukich

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◆ K. Shahookar, P. Mazumder

June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2

Publisher: ACM Press

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November 1997 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 19 Issue 6

Publisher: ACM Press

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Keywords: convolution, global illumination, hierarchical radiosity, texture-based visibility

13 The well-founded semantics for general logic programs

◆ Allen Van Gelder, Kenneth A. Ross, John S. Schlipf

July 1991 **Journal of the ACM (JACM)**, Volume 38 Issue 3

Publisher: ACM Press

Full text available: [pdf\(2.10 MB\)](#) Additional Information: [full citation](#), [refer index terms](#), [revie](#)

Keywords: fixpoints, negation as failure, stable models, three-valued log sets, well-founded models

14 Distributed file systems: concepts and examples

◆ Eliezer Levy, Abraham Silberschatz

December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4

Publisher: ACM Press

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15 An adaptive mesh-moving and local refinement method for time-dependent differential equations

◆ David C. Arney, Joseph E. Flaherty

March 1990 **ACM Transactions on Mathematical Software (TOMS)**, Volume 16 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.74 MB\)](#) Additional Information: [full citation](#), [abstr](#)
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We discuss mesh-moving, static mesh-regeneration, and local mesh-refinement that can be used with a finite difference or finite element scheme to solve initial value problems for vector systems of time-dependent partial differential equations in two space dimensions and time. A coarse base mesh of quadrilateral cells is mapped by an algebraic mesh-movement function so as to follow and isolate spatially varying ...

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Full text available: [pdf\(2.48 MB\)](#) Additional Information: [full citation, references, index terms](#)

18 Hierarchical triangulation for multiresolution surface description

◆ Leila De Floriani, Enrico Puppo

October 1995 **ACM Transactions on Graphics (TOG)**, Volume 14 Issue

Publisher: ACM Press

Full text available: [pdf\(3.89 MB\)](#) Additional Information: [full citation, abstracts, citations, index terms](#)

A new hierarchical triangle-based model for representing surfaces over s proposed, which is based on the subdivision of the surface domain into n triangulations, called a hierarchical triangulation (HT). The model allow spatial data and representation of a surface at successively finer degrees. HT is a collection of triangulations organized in a tree, where each node, root, is a triangulation refining a face ...

Keywords: hierarchical subdivision, multiresolution surface model, terrain triangulation

19 Object-oriented concurrent reflective languages can be implemented efficiently
✉ Hidehiko Masuhara, Satoshi Matsuoka, Takuo Watanabe, Akinori Yonezawa
October 1992 **ACM SIGPLAN Notices**, conference proceedings on Object-oriented programming systems, languages, and applications OOPSLA '92, Issue 10

Publisher: ACM Press

Full text available: [!\[\]\(3b451835b5cf44dc087a11f8c88642da_img.jpg\) pdf\(2.31 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

20 Hot cold optimization of large Windows/NT applications

Robert Cohn, P. Geoffrey Lowney

December 1996 **Proceedings of the 29th annual ACM/IEEE international conference on Microarchitecture**

Publisher: IEEE Computer Society

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A dynamic instruction trace often contains many unnecessary instructions only by the unexecuted portion of the program. Hot-cold optimization (HCO) is a technique that realizes this performance opportunity. HCO uses profile information to partition each routine into frequently executed (hot) and infrequently executed (cold) parts. Unnecessary operations in the hot portion are removed, and compensation code is added on transitions from hot to cold as needed. We evaluate HCO on a

Keywords: optimization, profile, NT, register allocation

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 652 | 717/168.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:13 |
| L2 | 171 | 717/169.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:13 |
| L3 | 316 | 717/173.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:13 |
| L4 | 330 | (l1 or l2 or l3) and compar\$5 and (client or target) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:14 |
| L5 | 328 | (l1 or l2 or l3) and compar\$5 and (client or target) and (portion or partial or fragment or only or limited or part) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:16 |
| L6 | 65 | (l1 or l2 or l3) and compar\$5 and (client or target) and (determin\$5 near5 (portion or partial or fragment or only or limited or part)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 08:17 |
| S1 | 378 | 717/173 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 07:09 |
| S2 | 494 | 717/168 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:56 |
| S3 | 181 | 717/169 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:57 |

EAST Search History

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| S4 | 5111 | (patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:59 |
| S5 | 74 | (patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java and 717/?? | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:59 |
| S6 | 411 | (patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java and 717/??? | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:59 |
| S7 | 11 | (patch\$3 or updat\$3) and (compar\$4) and resource same (merg\$3 or add\$3 or combin\$5) same java and 717/??? | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:37 |
| S8 | 0 | java adj code adj release | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:38 |
| S9 | 46 | maintain\$3 adj java | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:41 |
| S10 | 0 | java adj (code adj release) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:38 |
| S11 | 52 | "high water mark" and java | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 18:00 |
| S12 | 1737 | java and third-party | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:44 |
| S13 | 126 | java and (integrat\$3 near2 third-party) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:29 |

EAST Search History

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| S14 | 0 | java and (granular near3 patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:47 |
| S15 | 0 | java and (grandular near3 patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 16:47 |
| S16 | 3 | java and (integrat\$3 near2 third-party) and (717/16? or 717/17?) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:28 |
| S17 | 124 | java and (integrat\$3 near2 third-party) and (updat\$3 or install\$5 or patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:29 |
| S18 | 5 | java and (integrat\$3 near2 third-party) same (updat\$3 or install\$5 or patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:32 |
| S19 | 553 | java and (third-party) same (integrat\$3 or updat\$3 or install\$5 or patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:32 |
| S20 | 253 | S4 and S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 17:32 |
| S21 | 17 | ("5193185" "5355474" "5414812" "5432925" "5588150" "5590321" "5612865" "5857197" "5915253" "5920870" "5970490" "6012067" "6018627" "6044403" "6122627" "6336118" "6397203").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/22 17:50 |
| S22 | 0 | java and ((resource adj file) same metadata same (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 18:03 |

EAST Search History

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| S23 | 9 | java and ((resource adj file) and metadata and (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 18:06 |
| S24 | 9 | java and ((resource adj file) and metadata and (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 18:07 |
| S25 | 637 | java and (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 18:09 |
| S26 | 104 | java and (generat\$3 or packag\$3 or build\$3) near2 (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/23 07:14 |
| S27 | 15 | ("5155847" "5182806" "5204960" "5495610" "5519866" "5566335" "5581764" "5673387" "5699275" "5799189" "5893113" "5905896" "5909581" "5933647" "5960204").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/22 18:17 |
| S28 | 13 | java same (generat\$3 or packag\$3 or build\$3) near2 (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/23 07:14 |
| S29 | 2 | java same (security near3 patch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/12 09:22 |
| S30 | 77 | (international and business).as. and (product adj release) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:06 |
| S31 | 18 | ("4809170" "5479654" "5574906" "5649200" "5671398" "5729743" "5790856" "6006034" "6347407").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:07 |

EAST Search History

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| S32 | 18 | ("4809170" "5479654" "5574906" "5649200" "5671398" "5729743" "5790856" "6006034" "6349407").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:15 |
| S33 | 13963 | (jar or cab) and (updat\$3 or version\$3 or patch\$3 or delta\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:17 |
| S34 | 1180 | (jar or cab) same (updat\$3 or version\$3 or patch\$3 or delta\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:17 |
| S35 | 19 | (jar or cab) same (updat\$3 or version\$3 or patch\$3 or delta\$3) and sun.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 11:17 |
| S36 | 2 | ("6535894").URPN. | USPAT | OR | OFF | 2005/01/12 11:21 |
| S37 | 13 | (patch\$3 or updat\$3 or upgrad\$3) near3 (java or bytecode or "byte code") same (library or dll or libraries) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 18:47 |
| S38 | 1 | (patch\$3 or updat\$3 or upgrad\$3) near3 (java or bytecode or "byte code") same (library or dll or libraries) and (Patch\$3 near3 (library or dll or libraries)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 18:48 |
| S39 | 131 | (Patch\$3 near3 (library or dll or libraries)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 18:48 |
| S40 | 34 | (Patch\$3 near3 (library or dll or libraries)) and (java or bytecode or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 07:57 |
| S41 | 1 | jardiff | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 08:07 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S42 | 1 | "6535894".pn. and resource | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 08:07 |
| S43 | 287 | 717/173.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/08 16:50 |
| S44 | 76 | (metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/08 16:52 |
| S45 | 39 | (metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/08 17:24 |
| S46 | 39 | (metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:17 |
| S47 | 56 | (metadata or "meta-data" or "meta data") near5 (resource or dll or library) same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:18 |
| S48 | 26 | (metadata or "meta-data" or "meta data") near5 (resource or dll or library) same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:27 |
| S49 | 2400 | (metadata or "meta-data" or "meta data") and (patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:27 |
| S50 | 17 | (metadata or "meta-data" or "meta data") same (patch\$3 or fix\$3 or synchroniz\$5) same (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:34 |

EAST Search History

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| S51 | 0 | coompar\$4 near5 (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:36 |
| S52 | 0 | coompar\$4 near5 (metadata or "meta-data" or "meta data") and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:35 |
| S53 | 38 | compar\$4 near5 (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 08:23 |
| S54 | 37 | S53 not S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 07:37 |
| S55 | 37 | S53 not S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:06 |
| S56 | 339 | (metadata or "meta-data" or "meta data") and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 08:24 |
| S57 | 26 | (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 08:25 |
| S58 | 26 | (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") not S53 not S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 08:33 |
| S59 | 0 | compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 08:34 |

EAST Search History

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| S60 | 129 | compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 09:00 |
| S61 | 1 | compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource same (java or bytecode or "byte-code" or "byte code") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 08:35 |
| S62 | 4 | compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and granular near5 (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 09:01 |
| S63 | 6 | compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and granular near5 (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5 or servic\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 09:02 |
| S64 | 1 | "5862325".pn. and ((comparison or compare) near5 "version metadata") and (previous or current) near3 update | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:08 |
| S65 | 1 | "5862325".pn. and ((comparison or compare) near5 metadata) and (previous or current) near3 update | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:11 |
| S66 | 1 | "5862325".pn. and ((comparison or compare) near5 metadata) and (previous or current) near3 update and resource | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:45 |
| S67 | 0 | comapr\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:17 |
| S68 | 391 | compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 10:53 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S69 | 15 | compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) and granular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:18 |
| S70 | 39 | compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) and java | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 09:18 |
| S71 | 1 | "5862325".pn. and (comparison or compare) near3 "version value" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 10:00 |
| S72 | 0 | "5862325".pn. and (comparison or compare) near3 "version value" and (version near5 (resource or library or libraries or dll)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 10:02 |
| S73 | 0 | "5862325".pn. and (comparison or compar\$3) near3 "version value" and (version near5 (resource or library or libraries or dll)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 10:02 |
| S74 | 0 | "5862325".pn. and (comparison or compar\$3) near3 "version value" and (version\$3 near5 (resource or library or libraries or dll)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 10:02 |
| S75 | 1 | "5862325".pn. and (comparison or compar\$3) near3 "version value" and version\$3 and (resource or library or libraries or dll) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/12 10:03 |
| S76 | 14 | (717/16?.ccls. or 717/17?.ccls.) and compar\$4 near5 (metadata or "meta data" or "meta-data") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/12 10:55 |
| S77 | 2792 | (java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near3 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:32 |

EAST Search History

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| S78 | 2243 | (java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:33 |
| S79 | 0 | (java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and "resource unit" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:33 |
| S80 | 1617 | (java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:33 |
| S81 | 857 | (java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource and (library or libraries) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:34 |
| S82 | 182 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource and (library or libraries) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:34 |
| S83 | 4 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) same (java or jar)) and resource and (library or libraries) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 17:38 |
| S84 | 24 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (cookie or cookies) same (meta or metadata or "meta-data") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 07:45 |
| S85 | 31 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near3 (meta or metadata or "meta-data") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 18:01 |

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| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S86 | 1 | "20020073080" and (updat\$3 or patch\$3 or upgrad\$3 or fix\$3 or version\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 18:02 |
| S87 | 298 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (incremental\$2 or granular\$2) and (meta or metadata or "meta-data") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 07:46 |
| S88 | 11 | (java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (incremental\$2 or granular\$2) and (compar\$4 near5 (meta or metadata or "meta-data")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 07:46 |
| S89 | 2 | "6535894".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/15 16:13 |
| S90 | 6 | ("5835911" "6052531").PN. OR ("6535894").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/15 16:13 |
| S91 | 2 | "6460055".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 07:29 |
| S92 | 1 | "6460055".pn. and metadata | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:07 |
| S93 | 2 | "6535894".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:40 |
| S94 | 0 | synchroniz\$5 near3 (patch near3 (metadata or "meta-data" or "meta data")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:41 |
| S95 | 0 | compar\$4 near3 (patch near3 (metadata or "meta-data" or "meta data")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:42 |

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| S96 | 2 | differ\$6 near3 (patch near3 (metadata or "meta-data" or "meta data")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 10:10 |
| S97 | 0 | compar\$4 near3 (patch near5 (metadata or "meta-data" or "meta data")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 10:12 |
| S98 | 0 | compar\$4 near3 ((metadata or "meta-data" or "meta data") near7 patch) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 10:13 |
| S99 | 0 | compar\$4 near3 ((metadata or "meta-data" or "meta data") same patch) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 10:13 |
| S100 | 5 | compar\$4 near3 ((metadata or "meta-data" or "meta data") same (patch or updat\$3 or "service fix")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 10:16 |
| S101 | 2 | "6425126".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/19 10:17 |
| S102 | 26 | ("4558413" "5349674" "5410703" "5758340" "5761504" "5793982" "5867714" "6067622" "6110228" "6135651" "6138274" "6202207" "6205579" "6256773").PN. OR ("6425126").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 10:20 |
| S103 | 290 | patch adj (library or libraries or repository or collection or database or file or table) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 10:21 |
| S104 | 12 | patch adj (library or libraries or repository or collection or database or file or table) and (metadata or "meta-data" or "meta data") | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/19 10:22 |

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Half-Life 1.1.0.9 to 1.1.1.0 **Client** (11.7 MB) - Get this **patch** if you already ... Win32 Server: these **files** are **necessary** to host a Win32 Half-Life Server ...

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N-003: Microsoft Cumulative Patch for SQL Server

Flaw in output **file** handling for scheduled jobs: The vulnerability could **only** be exploited ... It is **only necessary** to restart the SQL Services **Patch** can be ...

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ABC [Yet Another Bittorrent Client]

NOTE (**only necessary** in version 2.6.9 -- 3.0 and above store priority as an integer value ... Submit the **file** through the Sourceforge **Patch** Submission Page ...

pingpong-abc.sourceforge.net/download.php - 9k - [Cached](#) - [Similar pages](#)

Microsoft Office Assistance: Distributing Office 2000 Client ...

It is not **necessary** to update all **client** computers that depend on the administrative ... The Office 2000 **file** hash **patch** is available **only** for English and ...

office.microsoft.com/en-us/ assistance/ha011525651033.aspx - 34k - [Cached](#) - [Similar pages](#)

Microsoft Office Assistance: Distributing Office XP Client Updates ...

It is not **necessary** to update all **client** computers that depend on the ... For example, the full-**file** version of a **patch** released after Office XP SP3 can be ...

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Technical Note: Installing PHP and the Oracle 10g Instant Client ...

Set **necessary** Oracle globalization language environment variables such as ...

If you are using PHP 4.3.9 or 4.3.10 you can save the **patch** to a **file**, ...

www.oracle.com/technology/pub/notes/technote_php_instant.html - 41k -

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Technical Support at TheHelper

Diablo II LOD 1.11b Patch The latest Diablo II LOD **patch**. ... (292k) This is a small setup **file** which **only** downloads the **necessary files** in order to update ...

www.thehelper.net/download.php - 29k - Cached - Similar pages

This patch provides fixes to the NetBackup Windows 95/98 client.

Stop all NetBackup Services on the Windows 95/98 **client** for the **patch** installation. setup.exe will install the **necessary files** into their correct locations. ...

support.veritas.com/docs/232145 - 27k - Cached - Similar pages

mldonkey, a multi-networks file-sharing client - Patches: patch ...

patch mldonkey, a multi-networks **file-sharing client** - Patches: **patch** #4536, ... but **only** those with read permission to the config **file** can use it. ...

savannah.nongnu.org/patch/?func=detailitem&item_id=4536 - 24k -

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BitTorrent FAQ and Guide

To integrate the **client** with your web browser, it will be **necessary** to associate **files** of type "application/x-bittorrent" with the BitTorrent **client**. ...

www.dessent.net/btfaq/ - 111k - Cached - Similar pages

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